

BOARD MEETING DATE: April 6, 2012

AGENDA NO. 6

PROPOSAL: Execute Contract to Purchase Global Positioning Systems and Acquire Monitoring Services

SYNOPSIS: To enhance enforcement on projects funded under the Carl Moyer Program, global positioning system (GPS) units are required on certain on- and off-road equipment and vehicles. In preparation for the current monitoring services contract expiring, the Board approved release of an RFP on December 2, 2011 to solicit bids from qualified GPS vendors. Staff from the AQMD and CARB evaluated the four proposals that were received. This action is to execute a contract to purchase global positioning systems and acquire monitoring services for a period of up to seven years in an amount not to exceed \$413,200 from the Carl Moyer Program SB 1107 Fund (32).

COMMITTEE: Technology, March 16, 2012, Recommended for Approval

RECOMMENDED ACTION:

Authorize the Chairman to execute a contract with Radio Satellite Integrators, Inc. for the purchase, installation and activation of up to 200 global positioning systems equipped with electronic monitoring units and acquire monitoring services for projects funded under the Carl Moyer Program in an amount not to exceed \$413,200 from the Carl Moyer Program SB 1107 Fund (32).

Barry R. Wallerstein, D.Env.
Executive Officer

CSL:MMM:FM:CD:VY

Background

The AQMD administers voluntary incentive-based programs to reduce NO_x and PM emissions from mobile sources and agricultural equipment. Due to the large number of awards that require monitoring in the past five years, AQMD had selected Radio Satellite Integrators (RSI) through competitive solicitation and maintained a contract

with them to track and monitor mobile source activity levels in order to verify the distance and hours of operation of the funded equipment within the AQMD boundaries as required under the Carl Moyer Program. The contract with RSI is due to expire on September 14, 2012.

The GPS and electronic monitoring units (EMUs) enable the AQMD to remotely view real-time data. The basic function of the GPS units is to determine location (latitude, longitude), time, and date on a continuous or periodic basis as required by the project. The EMUs provide the capability to store data collected by the GPS (magnetically, optically), and transmit them to the AQMD either on continuous or periodic basis.

On December 2, 2011, RFP #P2012-13 was released to solicit bids from qualified vendors to purchase GPS units and acquire monitoring services for projects funded under the Carl Moyer Program operating within the AQMD boundaries. The purpose of the RFP is to select vendor(s) capable of providing GPS, installation of these systems on subject equipment, and providing all data recording and data transmittal services. The GPS units should accurately collect miles traveled within the AQMD boundaries and defined geo-fence regions, determine percent operation within AQMD boundaries, track distance within an accuracy of 100 feet of any boundary, and operate in all ambient temperatures and weather conditions. This applies to land-based as well as marine vessel projects.

Proposal

Bids were solicited from qualified vendors for GPS systems, hardware and software providers and/or service providers that can meet the requirements discussed above. A mandatory bidder's conference was held on December 16, 2011 that was attended by eight interested companies.

Four proposals were received by the closing date of the RFP. All the proposals were reviewed and scored by an evaluation panel based on the criteria approved in the RFP. The five-member evaluation panel was comprised of three AQMD staff (Senior Staff Specialist, Systems & Programming Supervisor, and Technology Implementation Manager) and two CARB Air Resources Engineers. The panel ethnicity and gender breakdown was as follows: one African American, two Asian/Pacific Islanders, and two Caucasians; all male. Table 1 provides a summary of the panel's scores. This summary includes cost analysis for a seven-year period.

Table 1: Evaluation Scores of Proposals

Proposer	Technical	Cost*	Additional**	Total Score
Radio Satellite Integrators	63.2	29.9 (\$2,066.0)	15	108.1
Networkfleet	63.6	30.0 (\$2,056.8)	0	93.6
AT&T/TeleNAV	63.4	20.1 (\$2,736.0)	0	83.5
GPS Insight	59.2	13.4 (\$3,197.8)	0	72.6

* Cost per unit for a seven-year period

** Bonus points for small and local business

Based on the evaluation of the proposals, staff recommends that the Board approve the execution of a contract with Radio Satellite Integrators, Inc. for the purchase, installation, and activation of up to 200 global positioning systems equipped with electronic monitoring units and acquire monitoring services for projects funded under the Carl Moyer Program in an amount not to exceed \$413,200 from the Carl Moyer Program SB 1107 Fund (32).

Outreach

In accordance with AQMD's Procurement Policy and Procedure, a public notice advertising the RFP/RFQ and inviting bids was published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Basin.

Additionally, potential bidders may have been notified utilizing AQMD's own electronic listing of certified minority vendors. Notice of the RFP/RFQ has been e-mailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations, and placed on the Internet at AQMD's website (<http://www.aqmd.gov>). Information is also available on AQMD's bidder's 24-hour telephone message line (909) 396-2724.

Benefits to AQMD

The benefits that will incur from this project are more complete and accurate reporting of usage of projects funded under Carl Moyer program as required by the guidelines. Additionally, it will significantly reduce staff resources enabling them to focus on other incentive actions.

Resource Impact

Total cost of the proposed contract shall not exceed \$413,200 from the Carl Moyer Program SB 1107 Fund (32). The Carl Moyer Program SB 1107 account contains sufficient resources to fund this action.